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Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

Claim 1 (canceled).

2. (currently amended) [[The]] An image forming apparatus ~~as claimed in claim 1,~~
~~further comprising:~~

a conveyance belt that conveys a recording medium by attracting the recording medium
by an electrostatic force generated by positive and negative electric charges applied thereto;

a charger that applies the positive and negative electric charges alternately to said
conveyance belt;

a recording head that discharges droplets of a recording liquid toward the recording
medium being conveyed by said conveyance belt;

a control part configured to adjust an amount of electric charges induced on a surface of
the recording medium by the positive and negative electric charges applied to said conveyance
belt; and

a surface resistance measurement part configured to detect a surface resistance value of
the recording medium;

wherein said control part adjusts the amount of the electric charges on the surface of the
recording medium in accordance with the surface resistance detected by said surface resistance
measurement part.

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3. (currently amended) The image forming apparatus as claimed in claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the recording medium in accordance with a result of detection of a volume resistance of the recording medium.

4. (currently amended) The image forming apparatus as claimed in claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the recording medium in accordance with a result of detection of environment temperature and humidity.

5. (currently amended) The image forming apparatus as claimed in claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the recording medium in accordance with externally given information regarding the resistance value of the recording medium.

6. (currently amended) The image forming apparatus as claimed in claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the recording medium by controlling a charge period length of positive and negative charges applied by said charger to said conveyance belt.

7. (currently amended) The image forming apparatus as claimed in claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the

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recording medium by controlling an alternating voltage applied to said charger to apply positive and negative charges to said conveyance belt.

8. (currently amended) The image forming apparatus as claimed in claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the recording medium by controlling a timing of applying electric charges onto said conveyance belt so as to switch existence/nonexistence of charges on the surface of the recording medium.

9. (currently amended) The image forming apparatus as claimed in claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the recording medium by controlling at least one of a conveyance speed and a stop time of said conveyance belt so as to change a time period from a time when the charges are applied to said conveyance belt until a time when the charges on said conveyance belt reach the recording position.

Claims 10-38 (canceled).

39. (currently amended) The image forming apparatus of claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the recording medium so that a surface potential at the recording position is equal to or smaller than 500 Vp-p.

40. (currently amended) The image forming apparatus of claim [[1]] 2, wherein said control part adjusts the amount of the electric charges on the surface of the recording

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medium so that a volume potential at the recording position is equal to or smaller than 500 Vp-p.

41. (previously presented) An image forming apparatus comprising:
a conveyance belt;
a charger configured to apply positive and negative electric charges alternately to said conveyance belt;
a control part configured to adjust an amount of electric charges induced on a surface of a recording medium by the positive and negative electric charges applied to said conveyance belt;
and
a surface resistance measurement part configured to detect a surface resistance value of the recording medium;
wherein said control part is configured to neutralize an amount of electric charges on the surface of the recording medium by controlling the charger, and
wherein said control part adjusts the amount of the electric charges on the surface of the recording medium in accordance with a resistance value of the recording medium, and adjusts the amount of the electric charges on the surface of the recording medium in accordance with the surface resistance value detected by said surface resistance measurement part.

42. (previously presented) The image forming apparatus of claim 41, wherein
said control part adjusts the amount of the electric charges on the surface of the recording medium so that a surface potential at the recording position is equal to or smaller than 500 Vp-p.

43. (previously presented) The image forming apparatus of claim 41, wherein

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said control part adjusts the amount of the electric charges on the surface of the recording medium so that a volume potential at the recording position is equal to or smaller than 500 Vp-p.

Claim 44 (canceled).

45. (currently amended) [[The]] A method of claim 44, for conveying a recording medium comprising:

adjusting an amount of positive and negative electric charges to be applied to a conveyance belt in accordance with a resistance of a recording medium;

applying the positive and negative electric charges alternately to the conveyance belt with a charger;

controlling the charger to neutralize an amount of electric charges on the surface of the recording medium;

feeding the recording medium towards the conveyance belt so that the electric charges attract the recording medium to the conveyance belt; and

rotating the conveyance belt,

wherein the amount of positive and negative electric charges is adjusted in accordance with a surface resistance detected by a surface resistance measurement part.

46. (currently amended) The method of claim [[44]] 45, wherein the amount of positive and negative charges is adjusted so that a surface potential of the recording medium at a recording position is equal to or smaller than 500 Vp-p.

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47. (currently amended) The method of claim [[44]] 45, wherein
the amount of positive and negative charges is adjusted so that a volume potential of the
recording medium at a recording position is equal to or smaller than 500 Vp-p.